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Certificate of Analysis

Product	37449 - Glycine USP - [56-40-6]
Batch No	7618056
Analysis Date	05-Mar-2024
Date of Manufacture	March 2024
Expiry Date/Re-Test Date	February 2027
Molecular Formula	C5H5NO2
Molecular Weight	75.07

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Odourless crystalline powder	Odourless crystalline powder
Solubility	Freely soluble in water, very slightly soluble in alcohol and ether	Complies
Identification (IR Spectrum)	A) Complies	Complies
Assay (On dry basis)	98.5 - 101.5%	99.6%
Residue on ignition	NMT 0.1%	0.06%
Chloride (Cl)	NMT 0.007%	Complies
Sulphate (SO4)	NMT 0.0065%	Complies
Loss on drying	NMT 0.2% at 105 °C for 2 hrs.	0.1%
Related impurities	Any impurity : max 0.1% Total impurities : max 1%	Complies Complies
Reference	USP 44	

FRM/82/11/4/37449 Rev No. 1 Date 15/05/2022

Prepared by Yogesh

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Talaja – 410 208, Maharashtra, India

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

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